

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(interchangeable and borehole and drilling).clm.	US-PGPUB	OR	ON	2006/12/07 07:01
L2	7	(interchangeable and borehole).clm.	US-PGPUB	OR	ON	2006/12/07 07:02
L3	26	(interchangeable and drilling).clm.	US-PGPUB	OR	ON	2006/12/07 07:02



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	47	("2210827" "2783026" "20020053470" "20020185314" "3180437" "3823787" "3896667" "3967680" "4185704" "4314615" "4377207" "4428626" "4459613" "4612987" "4655289" "4714110" "5034929" "5037885" "5060737" "5139094" "5186264" "5293945" "5314030" "5353884" "5447200" "5447207" "5467834" "5547031" "5603386" "5685379" "5706905" "5758732" "5803185" "5875859" "5931239" "6158529" "6158533" "6224361" "6227313" "6244361" "6267185" "6318462" "6382333" "6512422").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 09:51
S2	176	(175/325.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 10:16
S3	95	(175/325.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 10:16
S4	91	S3 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:33
S5	73	175/325.4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:33
S6	181	175/325.5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:33
S7	124	S6 not (S2 S3 S5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:41
S8	371	(175/325.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 10:41
S9	346	S8 not (S2 S3 S5 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:55
S10	64	(175/325.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 10:55
S11	53	S10 not (S2 S3 S5 S6 S8)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 10:57
S12	227	(166/241.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 10:56
S13	177	S12 not (S2 S3 S5 S6 S8)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:00

## EAST Search History

S14	479	interchangeable and "175".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 11:33
S15	59	S14 and stabilizer	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:26
S16	0	(175/325.1325.5).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 11:28
S17	40	(175/325.1-325.5).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 11:33
S18	39	(175/76).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 11:33
S19	189	(175/76).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 11:33
S20	176	(175/325.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 11:34
S21	95	(175/325.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 11:34
S22	91	S21 not S20	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:34
S23	73	175/325.4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:34
S24	181	175/325.5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:34
S25	371	(175/325.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 11:34
S26	124	S19 not (S20 S21 S22 S23 S24 S25)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:34
S27	3	("20010042643"   "5341886"   "6173793").PN. OR ("6913095"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 11:36
S28	3	("20010042643"   "5341886"   "6173793").PN. OR ("6913095"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:11
S29	44	("4303994"   "4324297"   "4445578"   "4479564"   "4662458"   "4733733"   "4739841"   "4747303"   "4760735"   "4805449"   "4821563").PN. OR ("5341886"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:14

## EAST Search History

S30	38	("4394881").URPN.	USPAT	OR	ON	2006/08/03 12:20
S31	218	cargill.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:57
S32	16	cargill-edward\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:57
S33	0	maxwell-terrence\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:57
S34	8	maxwell-terrance\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:57
S35	9	garcia-julio\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:58
S36	2	gil-nestor\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:58
S37	4	restau-bryan\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:58
S38	0	hay-richard.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:59
S39	12	hay-richard\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:59
S40	36	S32 S34 S35 S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 12:59
S41	1	("6595303").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/03 13:06
S42	23	("2891769"   "3298449"   "3370657"   "3627356"   "5181576"   "5421421"   "5941323"   "6092610"   "6109370"   "6109371"   "6109372"   "6116354"   "6129160"   "6209664"   "6328119"   "6394193"   "6427783").PN. OR ("6595303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:08
S43	18	("1801294"   "1890529"   "1913365"   "1923328"   "2696367"   "4620802"   "4811792"   "5033558"   "5358042"   "5560716"   "5649603"   "5778976"   "6209667").PN. OR ("6585043"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:23

## EAST Search History

S44	1650	(175/325.1-325.6,73-76).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 13:23
S45	20	S44 and interchang\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:24
S46	1650	(175/325.1-325.6,73-76).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 13:55
S47	159	universal and S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:55
S48	61	interchang\$ and S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:56
S49	35	S48 not "45"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:56
S50	20	S46 and interchang\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:30
S51	41	S48 not S50	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 13:56
S52	25	("2470743"   "2843752"   "2940039"   "3255353"   "3714831"   "3864569"   "3933203"   "4387372"   "4593770"   "4661700"   "4814609"   "4904865"   "4984633"   "5019708"   "5091644"   "5095981"   "5120963"   "5126564"   "5134285"   "5184692"   "5250806").PN. OR ("5419395"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:04
S53	16	("1282976"   "3754609"   "4108256"   "4245709"   "4549613"   "4589504").PN. OR ("5341888"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:10
S54	3	166/241.6 and interchang\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:30
S55	227	(166/241.6).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/03 14:30
S56	2	S55 and interchang\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:30
S57	16	cargill-edward\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:35

## EAST Search History

S58	21	("3249054"   "4091631"   "4671359"   "4744426"   "4940092"   "5086842"   "5158140"   "5230388").PN. OR ("5447200").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 14:51
S59	26	("3823787"   "5034929"   "5139094"   "5307885"   "5314030"   "5353884"   "5685379"   "5706905"   "5803185"   "5875859"   "5931239").PN. OR ("6244361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/03 15:06
S60	1	("5419395").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/03 16:04
S61	1	("6244361").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/03 16:04
S62	1	("5419395").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 06:35
S63	1	("3572450").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 06:40
S64	1	("5447200").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/05 06:40
S65	493	interchangeable and "175"\$.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 11:39